IN THE ABSTRACT:

Please delete the Abstract at page 24 in its entirety and substitute the following new Abstract.

-- ABSTRACT

The present invention relates to a method for loading applications into a multi-application embedded system, the corresponding embedded system, and the method for executing an application of the embedded system. The method

5 for loading applications into an embedded system having a runtime environment including a virtual machine comprising an intermediate pseudocode language interpreter and application programming interfaces (API), from a station on which the source code of the application is written, compiled into pseudocode, verified and converted, is characterized in that the conversion comprises the

10 performance of the static linking of a plurality of sets of packages to be stored in the same name space in the embedded system, called modules, and constituting an application program interface module or a service module corresponding to an application, and consists of assigning an identifier to each module (MID) and a reference number to each class (NCI), each method (NM) and each attribute

15 (NA). The reference to a method or an attribute in the linked pseudocode of a module is coded in three bytes constituted by an indicator indicating the reference to a class internal (II) or external (IE) to the module, the number of the class (NCI), and either the number of the method (NM) or the number of the attribute (NA), a reference (IE) to an external class being systematically

20 interpreted by the virtual machine as a reference to an application program interface module.--

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